

Title (en)

Method and apparatus to complete a well having tubing inserted through a valve

Title (de)

Verfahren und Vorrichtung zur Komplettierung eines Bohrlochs mit durch ein Ventil eingesetzten Rohren

Title (fr)

Procédé et appareil pour la complétion d'un puits disposant d'un tubage inséré dans une vanne

Publication

**EP 2273062 A3 20171018 (EN)**

Application

**EP 10178525 A 20040225**

Priority

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- EP 04714605 A 20040225
- US 31997203 P 20030225

Abstract (en)

[origin: WO2004076797A2] A method and apparatus for inserting a small diameter continuous hydraulic conduit or capillary tube down a well bore is presented. The methods and apparatus allow either the injection of chemicals to enhance production of oil and gas, or to provide a conduit for production up through the small diameter tubing in marginal wells, into a hanger below a well valve to permit its removal from below the valve if the valve should be required to be closed and its reinsertion without pulling the tubing from the well bore.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (publication)

**WO 2004076797 A2 20040910; WO 2004076797 A3 20051110**; AT E415542 T1 20081215; CA 2539212 A1 20040910; CA 2539212 C 20110524; CA 2641567 A1 20040910; CA 2641601 A1 20040910; CA 2641601 C 20100202; DE 602004017975 D1 20090108; DK 1608839 T3 20090309; EP 1608839 A2 20051228; EP 1608839 A4 20060726; EP 1608839 B1 20081126; EP 2014868 A1 20090114; EP 2273062 A2 20110112; EP 2273062 A3 20171018; ES 2318273 T3 20090501; US 2004163805 A1 20040826; US 2006169459 A1 20060803; US 2007187114 A1 20070816; US 7082996 B2 20060801; US 7219742 B2 20070522; US 7617878 B2 20091117

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